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(71) Applicant Motorola Inc

(Incorporated in the USA - Delaware)

Corporate Offices, 1303 East Algonquin Road, Schaumburg, Illinois 60196, United States of America

(72) Inventors Steven C Jasper Mark A Birchler James D Solomon (51) INT CL<sup>5</sup> H04L 27/34 5/12 23/02

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(74) Agent and/or Address for Service Hugh Christopher Dunlop Motorola, European Intellectual Property Operation, Jays Close, Viables Industrial Estate, Basingstoke, Hampshire, RG22 4PD, United Kingdom

## (54) Communication signal having a time domain pilot component

(57) A quad 16 QAM transmission (132-136) and reception (600) methodology wherein a time domain pilot reference is advantageously associated therewith. There may be one or more such pilot references for each packet of multiple 16 QAM pulses (200). Depending upon the embodiment, each 16 QAM pulse can include a time domain pilot reference, or an estimated pilot reference (402 and 301) for that pulse can be determined either by reference to pilot references in other pulses sharing the same packet, or by reference to pilot references for other previously received 16 QAM pulses corresponding to that same pulse.



